

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6650468
<b>Application Number:</b>	10539956
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	9208
<b>Title of Invention:</b>	Vmp-like sequences of pathogenic borrelia species and strains
<b>First Named Inventor/Applicant Name:</b>	Steven J. Norris
<b>Customer Number:</b>	32425
<b>Filer:</b>	Travis Wohlers/Ann King
<b>Filer Authorized By:</b>	Travis Wohlers
<b>Attorney Docket Number:</b>	UTSH:264US/10506328
<b>Receipt Date:</b>	16-DEC-2009
<b>Filing Date:</b>	06-APR-2006
<b>Time Stamp:</b>	16:02:35
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 1290
RAM confirmation Number	2560
Deposit Account	
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1		20091216153605.pdf	1445828 ca3959d16de1bbac19b302d5dc8be1f85482575	yes	34
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Extension of Time		1	1	
	Amendment/Req. Reconsideration-After Non-Final Reject		2	3	
	Specification		4	6	
	Claims		4	11	
	Drawings-only black and white line drawings		12	12	
	Applicant Arguments/Remarks Made in an Amendment		13	16	
	Drawings-only black and white line drawings		17	20	
	Information Disclosure Statement (IDS) Filed (SB/08)		21	23	
	NPL Documents		24	28	
	NPL Documents		29	34	
Warnings:					
Information:					
2	Sequence Listing (Text File)	UTSH264US_SEQ.txt	203025	no	0
Warnings:					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	32332 6a0b08a557ad4a0ff32b4cc95a442245f027a981b	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			1681185		

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.